



#5

SEQUENCE LISTING

<110> Heil, James R
Jayasena, Sumedha D

<120> Aptamer Based Two-Site Binding Assay

<130> NEX 89

<140> 09/681,508

<141> 2001-04-18

<150> 60/198,016

<151> 2000-04-18

<160> 13

<170> PatentIn Ver. 2.0

<210> 1

<211> 49

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<400> 1

tagccaaggtaaccagtacaagggtctaaa cgtaatggctcggcttac

49

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<400> 2

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32

<210> 3

<211> 37

<212> DNA

<213> Artificial Sequence

Y09240" @0012345678

<220>
<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<400> 3
gcttagtccg tggtagggca gggtgggtg actaagc 37

<210> 4
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>
<221> modified_base
<222> (32)
<223> C at position 32 is derivatized with a fluorescein
at the 3' carbon.

<400> 4
gtagtcactg gttggtgagg ttgggtgact ac 32

<210> 5
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>
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<222> (38)
<223> T at position 38 is derivatized with a fluorescein
at the 3' carbon.

<400> 5
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<210> 6
<211> 32
<212> DNA
<213> Artificial Sequence

Y R E M A C E C S S G O

<220>
<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>
<221> modified_base
<222> (1)
<223> G at position 1 is derivatized with a fluorescein
at the 5' carbon.

<400> 6
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<210> 7
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>
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<222> (1)
<223> T at position 1 is derivatized with a fluorescein
at the 5' carbon.

<400> 7
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<210> 8
<211> 70
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Nucleic Acid Ligand

<220>
<221> modified_base
<222> (35)..(36)
<223> The residues at positions 35 and 36 are connected
by a glycol phosphoramidite linker derivatized
with a fluoresceinated thymidine.